

WILLS EYE PUBLICATIONS LIST – APRIL 2022

**A Wills Eye affiliation search function was used in PubMed to populate the list below. Any manuscripts published in April 2022 under a different affiliation and/or not present on PubMed was not included in this list. This list is also published in the Research section of the Wills Eye website at <https://www.willseye.org/research-2/publications/>.*

CORNEA

Cronin B, Ghosh A, Chang C. Oxygen-supplemented Transepithelial Accelerated Corneal Crosslinking with Pulsed Irradiation for Progressive Keratoconus: One-Year Outcomes. *J Cataract Refract Surg.* 2022 Apr 4. doi: 10.1097/j.jcrs.0000000000000952. Epub ahead of print. PMID: 35383648.

<https://pubmed.ncbi.nlm.nih.gov/35383648/>

Magan T, Hammersmith KM, Viaene AN, Kumar P, Eagle RC Jr, Milman T. Harboyan Syndrome: A Novel SLC4A11 Variant With Unique Genotype-Phenotype Correlation. *Cornea.* 2022 Apr 9. doi: 10.1097/ICO.0000000000003023. Epub ahead of print. PMID: 35439766.

<https://pubmed.ncbi.nlm.nih.gov/35439766/>

Thuma TBT, Bello NR, Rapuano CJ, Wasserman BN. Resolution of traumatic mydriasis and accommodative dysfunction eight years after sweetgum ball ocular injury. *Am J Ophthalmol Case Rep.* 2022 Apr 21;26:101552. doi: 10.1016/j.ajoc.2022.101552. PMID: 35509280; PMCID: PMC9058597.

<https://pubmed.ncbi.nlm.nih.gov/35509280/>

Tien T, Crespo MA, Milman T, Syed ZA. Retained lens fragment presenting 32 years after cataract extraction. *Am J Ophthalmol Case Rep.* 2022 Apr 20;26:101546. doi: 10.1016/j.ajoc.2022.101546.

PMID: 35496763; PMCID: PMC9046127. <https://pubmed.ncbi.nlm.nih.gov/35496763/>

GLAUCOMA

Adithya VK, Baskaran P, Aruna S, Mohankumar A, Hubschman JP, Shukla AG, Venkatesh R. Development and validation of an offline deep learning algorithm to detect vitreoretinal abnormalities on ocular ultrasound. *Indian J Ophthalmol.* 2022 Apr;70(4):1145-1149. doi: 10.4103/ijo.IJO_2119_21. PMID: 35326003.

<https://pubmed.ncbi.nlm.nih.gov/35326003/>

Jeng F, Bonnell AC, O'Neil EC, Mehran NA, Kolomeyer NN, Brucker AJ, Kolomeyer AM. VISION-RELATED MALPRACTICE INVOLVING PRISONERS: Analysis of the Westlaw Database. *Retina.* 2022 Apr 1;42(4):816-821. doi: 10.1097/IAE.0000000000003382. PMID: 35350052.

<https://pubmed.ncbi.nlm.nih.gov/35350052/>

Shalaby WS, Ganjei AY, Wogu B, Myers JS, Moster MR, Razeghinejad R, Lee D, Kolomeyer NN, Eid TE, Katz LJ, Shukla AG. Outcomes of Ahmed glaucoma valve and transscleral cyclophotocoagulation in neovascular glaucoma. *Indian J Ophthalmol.* 2022 Apr;70(4):1253-1259. doi: 10.4103/ijo.IJO_2107_21. PMID: 35326027.

<https://pubmed.ncbi.nlm.nih.gov/35326027/>

Shukla AG, Vaidya S, Yaghy A, Di Nicola M, Kaliki S, Fulco E, Myers JS, Shields JA, Shields CL. Iris melanoma: factors predictive of post-management secondary glaucoma in 271 cases at a Single Ocular Oncology Centre. *Eye (Lond).* 2022 Apr 5. doi: 10.1038/s41433-022-02051-0. Epub ahead of print. PMID: 35383310.

<https://pubmed.ncbi.nlm.nih.gov/35383310/>

Wogu B, Shalaby WS, Ganjei AY, Shukla AG. Outcomes of Baerveldt glaucoma implant and transscleral cyclophotocoagulation in neovascular glaucoma. *Clin Exp Ophthalmol.* 2022 Apr 5. doi: 10.1111/ceo.14080. Epub ahead of print. PMID: 35384237.

<https://pubmed.ncbi.nlm.nih.gov/35384237/>

OCULAR ONCOLOGY

Gelmi MC, **Bas Z**, Malkani K, Ganguly A, **Shields CL**, Jager MJ. Reply. *Ophthalmology*. 2022 Apr 14;S0161-6420(22)00171-3. doi: 10.1016/j.ophtha.2022.02.032. Epub ahead of print. PMID: 35431092. <https://pubmed.ncbi.nlm.nih.gov/35431092/>

PEDIATRIC OPHTHALMOLOGY & STRABISMUS

Herlihy E, Mungan N, **Schnall B**, **Nelson LB**. Management of Difficult Strabismus Conditions. *J Pediatr Ophthalmol Strabismus*. 2022 Mar-Apr;59(2):74-76. doi: 10.3928/01913913-20220112-01. Epub 2022 Mar 1. PMID: 35343822. <https://pubmed.ncbi.nlm.nih.gov/35343822/>

Oke I, Hall N, Elze T, Miller JW, Lorch AC, Hunter DG; IRIS Data Analytics Committee members, Pershing S, **Hyman L**, **Haller JA**, Lee AY, Lee CS, Lum F, Miller JW, Lorch A. Adjustable suture technique is associated with fewer strabismus reoperations in the IRIS® Registry (Intelligent Research in Sight). *Ophthalmology*. 2022 Apr 29;S0161-6420(22)00309-8. doi: 10.1016/j.ophtha.2022.04.021. Epub ahead of print. PMID: 35500607. <https://pubmed.ncbi.nlm.nih.gov/35500607/>

RETINA

Russell SR, Drack AV, Cideciyan AV, Jacobson SG, Leroy BP, Van Cauwenbergh C, **Ho AC**, Dumitrescu AV, Han IC, Martin M, Pfeifer WL, Sohn EH, Walshire J, Garafalo AV, Krishnan AK, Powers CA, Sumaroka A, Roman AJ, Vanhonselbrouck E, Jones E, Nerinckx F, De Zaeytijd J, Collin RWJ, Hoyng C, Adamson P, Cheetham ME, Schwartz MR, den Hollander W, Asmus F, Platenburg G, Rodman D, Girach A. Intravitreal antisense oligonucleotide seposfarsen in Leber congenital amaurosis type 10: a phase 1b/2 trial. *Nat Med*. 2022 Apr 4. doi: 10.1038/s41591-022-01755-w. Epub ahead of print. PMID: 35379979. <https://pubmed.ncbi.nlm.nih.gov/35379979/>

Sarohia GS, Nanji K, Khan M, Khalid MF, Rosenberg D, Deonarain DM, Phillips MR, Thabane L, Kaiser P, **Garg S**, Sivaprasad S, Wykoff CC, Chaudhary V. Treat-and-Extend Versus Alternate Dosing Strategies with Anti-Vascular Endothelial Growth Factor agents to treat Center Involving Diabetic Macular Edema: A Systematic Review and Meta-analysis of 2346 Eyes. *Surv Ophthalmol*. 2022 Apr 24;S0039-6257(22)00047-9. doi: 10.1016/j.survophthal.2022.04.003. Epub ahead of print. PMID: 35476929. <https://pubmed.ncbi.nlm.nih.gov/35476929/>

Wakabayashi T, Naito H, Iba T, Nishida K, Takakura N. Identification of CD157-Positive Vascular Endothelial Stem Cells in Mouse Retinal and Choroidal Vessels: Fluorescence-Activated Cell Sorting Analysis. *Invest Ophthalmol Vis Sci*. 2022 Apr 1;63(4):5. doi: 10.1167/iovs.63.4.5. PMID: 35394492; PMCID: PMC8994164. <https://pubmed.ncbi.nlm.nih.gov/35394492/>

TRANSLATIONAL RESEARCH

Evgin L, Kottke T, Tonne J, Thompson J, Huff AL, van Vloten J, Moore M, Michael J, Driscoll C, **Pulido J**, Swanson E, Kennedy R, Coffey M, Loghmani H, Sanchez-Perez L, Olivier G, Harrington K, Pandha H, Melcher A, Diaz RM, Vile RG. Oncolytic virus-mediated expansion of dual-specific CAR T cells improves efficacy against solid tumors in mice. *Sci Transl Med*. 2022 Apr 13;14(640):eabn2231. doi: 10.1126/scitranslmed.abn2231. Epub 2022 Apr 13. PMID: 35417192. <https://pubmed.ncbi.nlm.nih.gov/35417192/>